PhD Position (f/m) in Graphene Based High Frequency Electronic Devices

AMO GmbH is a research company and partner for industry and research in the area of nanotechnology. Our activities are focused on innovative processes and devices for applications in nanoelectronics, photonics and sensor systems.

Would you like to work as part of a creative team in the area of high end technology? Then you are exactly in the right place at AMO! For immediate placement, we are offering a

PhD Position (m/f) in Graphene Based High Frequency Electronic Devices

with full working time of 39.83 hours per week for a fixed term of 36 months.

Your future responsibilities will include:

- Design, realization and characterization of graphene based high frequency electronics devices and circuits.
- Presentation of scientific results on conferences and in publications.

Your Profile:

- Master degree in physics, material science, electrical engineering or similar.
- Expertise in semiconductor electronics and physics.
- Basic knowledge in semiconductor processing in industrial or scientific environment is beneficial.
- Fluent in both spoken and written English. Basic knowledge of German language is a plus.
- Good PC-knowledge.

We offer:

- Excellent infrastructure with state-of-the-art fabrication and characterization technologies (400 m² of clean room space).
- Participation in an international collaborative research projects, with the possibility of an international research exchange/stay.
- To pursue the doctoral degree in engineering at RWTH Aachen University.
- Competitive salary according to the TV-L E13.
- Family friendly work environment.

Please send your complete application documents to: jobs@amo.de For further details on the position please contact: Dr. Zhenxing Wang, AMO GmbH, Otto-Blumenthal-Str. 25, 52074 Aachen. Email: wang@amo.de.